



CONNECTOR HOUSINGS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

12P MINI UMNL PLUG HSG HITEMP

MATE-N-LOK | Mini-Universal MATE-N-LOK

1-770581-0

TE Internal Number: 1-770581-0

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Centerline **4.14 mm [.163 in]**

Row-to-Row Spacing **4.14 mm [.163 in]**

Number of Positions **12**

Number of Rows **2**

Product Drawings

[PLUG, 12 CIRCUIT, MINI UNIVERSAL MATE-N-LOK](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Connector System

Wire-to-Wire

Row-to-Row Spacing

4.14 mm [.163 in]

Connector Style

Plug

Sealed

No

Applies To

Wire/Cable

Glow Wire Rating

Standard Part - Not Glow Wire

	Grow wire Rating	Standard Part - NOT Grow wire
	Product Type	Connector
	Connector Type	Housing
Configuration Features	Number of Positions	12
	Number of Rows	2
Electrical Characteristics	Operating Voltage (VAC)	600
Body Features	Material	Nylon 4/6
	Color	Black
Contact Features	Contact Type	Socket
	Shunts/Shorting Bars	Without
	Multiple Contact Types	Without
Mechanical Attachment	Panel Mount Retention	Without
	Contact Retention	Without
Housing Features	Centerline	4.14 mm [.163 in]
	Housing Material	Nylon 4/6
	Housing Color	Black
Usage Conditions	Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
Operation/Application	Assembly Integration Feature	Without
	For Use With	Mini-Universal MATE-N-LOK Cap Housing
Industry Standards	CSA Rating	Certified
	CSA File Number	LR7189
	UL Rating	Recognized
	VDE Tested	Yes
	UL File Number	E28476
	Agency/Standard	CSA, UL
	UL Flammability Rating	UL 94V-2
Packaging Features	Packaging Quantity	1

Product Compliance

[Statement of Compliance](#)
PDF

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Products - 78 Results

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Relation Type

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK | Mini-Universal MATE-N-LOK
MINI UMNL SOCKET AU
- 770834-3
TE INTERNAL NUMBER: 770834-3

Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **30 - 26 AWG**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK | Mini-Universal MATE-N-LOK
MINI UNML SCKT 20-16
AWG SN - 794407-1
TE INTERNAL NUMBER: 794407-1

Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **20 - 16 AWG**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK | Mini-Universal MATE-N-LOK
UNIV. M-N-L SOC.
- 170361-4

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **7 A**





170361-4
TE INTERNAL NUMBER: 170361-4

✓ Active

Contact Current Rating **7 A**

Operating Voltage **600 VDC**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.12 – .35 mm²**